

# Compact 2

## Compact series



### FEATURES

- » Compact sized biamplified 3-way system
- » 1000 W (500 W/channel) power amplifier
- » 15" low frequency cone speaker
- » 10" mid frequency horn-loaded cone speaker
- » 4" diaphragm compression driver

### SPECIFICATIONS

<b>Nominal Low Frequency Amplifier Power:</b>	500 W <sub>RMS</sub>
<b>Nominal Mid-High Freq. Amplifier Power:</b>	500 W <sub>RMS</sub>
<b>Input Type:</b>	Balanced Differential Line
<b>Input Impedance:</b>	Line: 25 kΩ
<b>Sensitivity:</b>	Line: 0.83 V (+0.6 dBu)
<b>On-axis Acoustical Frequency Range<sup>F</sup>:</b>	50 Hz - 19 kHz
<b>Rated Maximum Peak SPL at 1 meter:</b>	139 dB
<b>Nominal -6 dB Beamwidths<sup>B</sup>:</b>	60° H x 50° V (90° x 60° optional)
<b>Enclosure Material:</b>	Wisa® Plywood
<b>Finish:</b>	Black Polyurethane Paint
<b>Transducers:</b>	LF: 15BN; MF: 10BN HF: ND-10
<b>Connectors:</b>	INPUT: Female XLR LOOP THRU: Male XLR AC INPUT: PowerCon NAC 3
<b>AC Power Requirements:</b>	115 V, 50 Hz/60 Hz 230 V, 50 Hz/60 Hz
<b>Dimensions (H x W x D):</b>	88.5 x 60 x 65 cm (35 x 23.5 x 25.5 in)
<b>Weight:</b>	69.5 kg (153 lbs)
<b>Shipping Weight:</b>	74.5 kg (164 lbs)
<b>Accessories (optional):</b>	ANL-2, 4-piece M10 eyebolt/carabiner set ANL-3, track connector with lifting ring

### INTRODUCTION

The Compact 2 is a versatile biamplified 3-way loudspeaker system designed for high efficiency and long throw (60° x 50° high frequency horn) or medium throw (90° x 60° high frequency horn).

### APPLICATIONS

The Compact 2 system is intended for use in sound reinforcement applications where midrange presence and pattern control are desired. It would normally be reinforced with the Compact series subwoofer units, but the bass response allows the system to be used as a stand alone full-range unit.

### DESCRIPTION

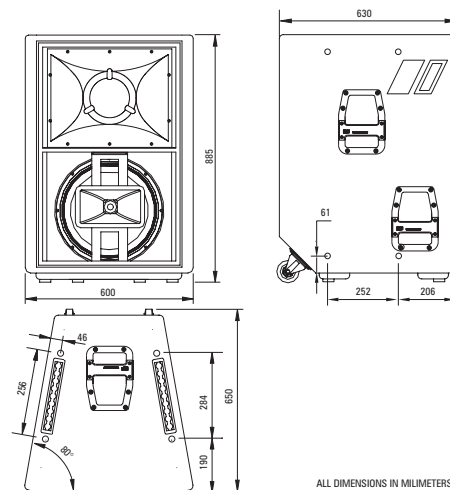
The Compact 2 incorporates two 500 W class D switching amplifiers, powering the low-frequency and mid-high frequency sections.

All the transducers in the system feature Neodymium magnets for low weight. The low frequency section utilizes a high efficiency 15" low frequency speaker with 4" voice coil. The mid range frequencies are reproduced by a 10" horn loaded cone loudspeaker, developing high sensitivity and consistent pattern control. The high frequency section makes use of a 1.5" exit compression driver with 4" titanium diaphragm, coupled to a constant directivity horn which is mounted coaxially to the 15" woofer, resulting in a compact sized 3-way system.

The trapezoidal enclosure is manufactured from Wisa® plywood and is finished with a durable polyurethane paint.

A heavy-duty steel grille with a reticulated foam filter inside protects the speaker components. The covering provides protection from dust and dirt, and is both acoustically transparent and flame retardant.

Ancra Track flying hardware provides a suspension option that is safe and simple to use. It permits fast vertical angle variation so that precise coverage can be achieved. Two tracks on the bottom and two on the top are provided, as well as a short pull-up track on the back. 16 M10 eyebolt based points are also included.



ALL DIMENSIONS IN MILLIMETERS

<sup>F</sup> As per IEC 268-5 (1989, -10 dB). Half space anechoic.  
<sup>B</sup> Average of one-third octave band measures.

